

Rank in U.S. agriculture by selected commodities, 2001

Rank	Item	Unit	Quantity	Percent of U.S.	Leading state
			<i>Thousands</i>	<i>Percent</i>	
1	Beans, dry, black	Cwt	335	42.7	Michigan
	Beans, dry, cranberry	Cwt	70	45.8	Michigan
	Blueberries	Pounds	77,000	38.4	Michigan
	Cherries, tart	Pounds	297,000	80.4	Michigan
	Cucumbers (processing)	Tons	156	26.4	Michigan
	Flowering hanging baskets	Number	3,198	9.1	Michigan
	Geraniums (seed and cuttings)	Pots	20,160	19.3	Michigan
	Hosta	Pots	1,703	14.9	Michigan
	Impatiens	Flats	2,463	15.8	Michigan
2	Celery	Cwt	840	4.5	California
	Marigolds	Flats	794	12.5	California
	Other potted perennials	Pots	19,317	12.4	California
	Petunias	Flats	1,486	12.5	California
3	Apples	Pounds	880,000	9.1	Washington
	Asparagus	Cwt	287	13.8	California
	Beans, dry, small red	Cwt	27	15.7	Idaho
	Beans, dry, navy	Cwt	170	7.4	North Dakota
	Beans, snap (processing)	Tons	59.5	8.5	Wisconsin
	Carrots (fresh market)	Cwt	1,386	4.4	California
	Grapes, Niagara	Tons	7.	16.3	Washington
	Squash	Cwt	1,100	14.2	California
	Vegetable type bedding plants	Number	567	6.6	California
4	Cucumbers (fresh market)	Cwt	1,298	11.9	Florida
	Cherries, sweet	Tons	23.0	10.5	Washington
	Grapes, Concord	Tons	19.0	5.4	Washington
	Plums	Tons	3.6	1.7	California
	Sugarbeets	Tons	3,220	12.5	Minnesota
	Tomatoes (processing)	Tons	87.0	0.9	California
6	Beans, dry, dark red kidney	Cwt	30	4.0	Minnesota
	Beans, dry, light red kidney	Cwt	85	10.0	Nebraska
	Carrots (processing)	Tons	32.5	7.4	Washington
	Pumpkins	Cwt	576	6.9	Illinois
7	Beans, dry, all	Cwt	780	4.0	North Dakota
	Maple syrup	Gallons	60	5.7	Vermont
	Milk	Pounds	5,855,000	3.5	California
9	Grapes, all	Tons	28.9	0.4	California
	Potatoes	Cwt	13,950	3.1	Idaho
11	Corn, for grain	Bushels	199,500	2.0	Iowa
12	Soybeans	Bushels	63,900	2.2	Illinois
13	Hogs, as of Dec. 1	Head	960	1.6	Iowa
14	Wheat, winter	Bushels	35,840	2.6	Kansas
17	Hay, all	Tons	3,790	2.4	Texas
24	Cash receipts	Dollars	3,469,122	1.7	California
31	Cattle, as of Jan. 1	Head	990	1.0	Texas

Number of farms and land in farms by economic sales class, 1997-2001 ¹

Year	Economic sales class			Total	Average size of farm
	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000 and over		
	<i>1,000 farms</i>	<i>1,000 farms</i>	<i>1,000 farms</i>	<i>1,000 farms</i>	
1997	28.5	17.0	7.5	53.0	
1998	27.0	17.0	8.0	52.0	
1999	28.5	16.5	8.0	53.0	
2000	27.5	16.5	8.0	52.0	
2001	28.5	15.5	8.0	52.0	
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Acres</i>
1997	2.0	2.9	5.5	10.4	196
1998	1.9	2.8	5.7	10.4	200
1999	1.9	2.8	5.7	10.4	196
2000	1.9	2.8	5.7	10.4	200
2001	1.8	2.7	5.9	10.4	200

¹ USDA estimates of farm number and land in farms are based on the definition "a farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year."

Farm real estate: Values and cash rents, 1998-2002

Year	Farm real estate average value per acre	Cropland	
		Average value per acre	Average cash rent per acre
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1998	1,670	1,480	60
1999	1,850	1,670	60
2000	2,150	2,000	60
2001	2,300	2,100	60
2002	2,500	2,300	60

Farm Income

Net farm income in 2001 fell 39 percent to \$191 million. That was despite \$353 million of government payments. The total agriculture output was \$3.92 billion dollars, up 3.5 percent from 2000. Production expenses were \$4.07 billion in 2001, up 5.8 percent from the previous year.

Preliminary cash receipts from 2001 marketings of Michigan crops, livestock and livestock products totaled \$3.47 billion, up 4.4 percent from 2000. Michigan ranked 24th nationally in total cash receipts.

Crop receipts, \$1.98 billion, were nearly unchanged from

2000. A decline in the market value of dry beans and soybeans was offset by increases in corn and wheat marketings. Livestock cash receipts were up 11.7 percent from a year earlier to \$1.49 billion. Increases in milk receipts and value of sales of poultry more than offset declines cattle values.

In 2001, the top ten Michigan commodities ranked by cash receipts were: milk, corn, soybeans, cattle and calves, hogs, woody ornamentals, annual bedding plants, sugarbeets, potatoes, and wheat.

Government payments, 1997-2001 ¹

Program	1997	1998	1999	2000	2001
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Conservation programs	20,854	17,488	16,893	16,842	21,335
Production flexibility contract payments	NA	100,556	87,116	87,564	68,405
Loan deficiency payments	NA	38,577	131,482	112,565	101,666
Miscellaneous programs	² 100,433	³ 51,755	10,569	17,713	17,962
Supplemental Funding	NA	NA	⁴ 143,076	146,372	143,398
Total	121,287	208,077	389,099	381,056	352,766

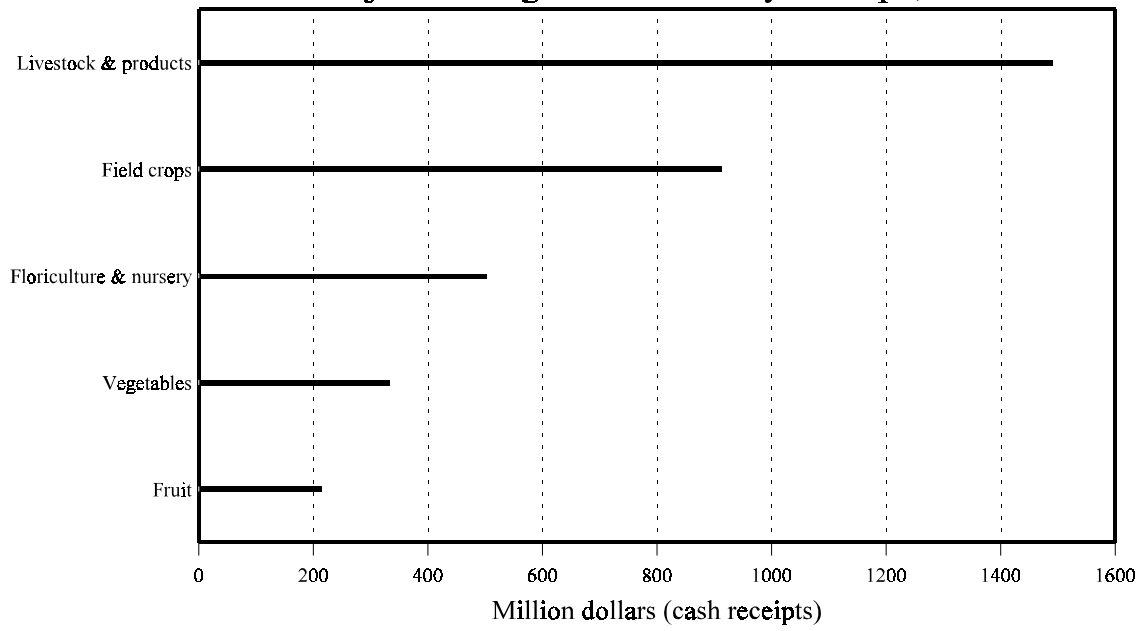
¹ Source: U.S. Department of Agriculture, Economic Research Service

² Programs included are CAT, Disaster, Loan Deficiency, NAP, and Production Flexibility, and repayments by farmers.

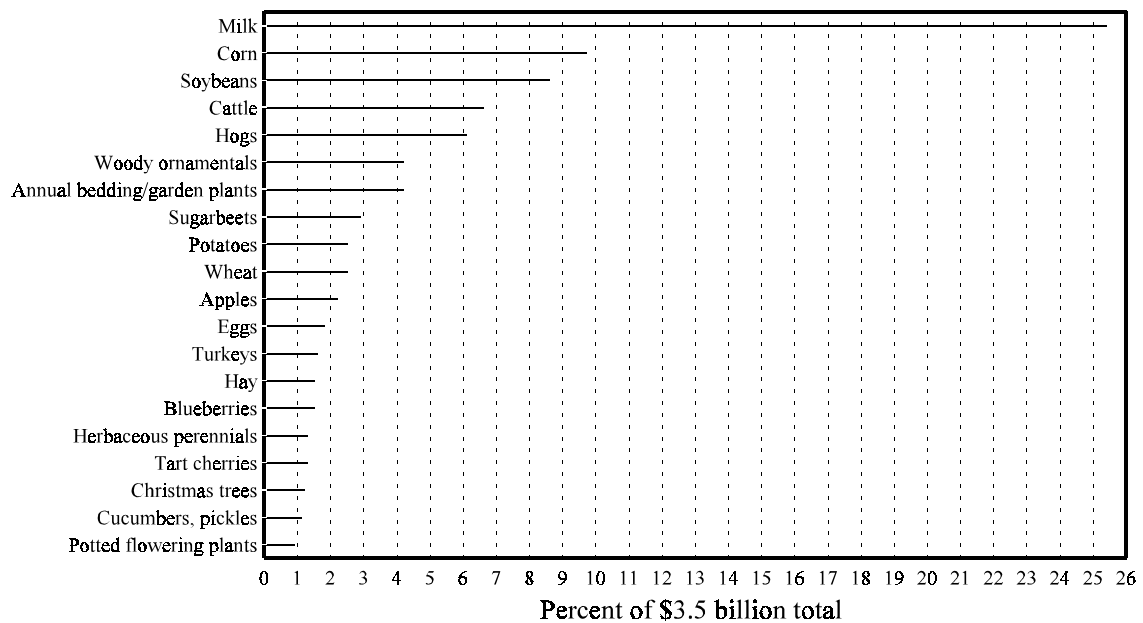
³ No longer includes Loan Deficiency and Production Flexibility payments.

⁴ Provided by the Omnibus Supplemental Appropriations, Act of 1999 & Emergency Assistance Provisions of Agriculture Appropriation 2000.

Major Michigan Commodity Groups, 2001



Top 20 Commodities in Cash Receipts



Value added to the economy by the Michigan agricultural sector 1997-2001 ¹

Item ²	1997	1998	1999	2000	2001
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Final crop output	2,373.4	2,135.3	2,268.5	1,990.8	1,874.4
Food grains	104.5	67.7	71.5	78.8	86.0
Feed crops	494.3	418.5	369.5	351.8	393.6
Oil crops	406.4	412.8	312.2	329.9	299.4
Fruits and tree nuts	240.1	217.2	244.3	236.6	214.0
Vegetables, potatoes, dry beans	380.3	429.3	452.0	396.1	359.5
All other crops	633.2	635.1	683.2	594.5	627.4
Home consumption	3.6	3.6	3.8	3.6	3.7
Value of inventory adjustment ³	110.9	-49.0	132.0	-0.7	-109.1
Final animal output	1,319.1	1,335.1	1,299.0	1,317.7	1,509.3
Meat animals	450.2	338.2	387.9	458.6	441.7
Dairy products	732.1	814.0	801.4	729.5	881.6
Poultry and eggs	133.6	119.2	90.9	98.7	119.2
Miscellaneous livestock	47.4	48.6	47.6	47.1	46.8
Home consumption	9.9	9.3	9.7	11.3	9.6
Value of inventory adjustment ³	-54.1	5.8	-38.5	-27.4	10.4
Services and forestry	422.8	440.5	478.5	478.0	533.8
Machine hire and custom work	34.9	49.7	37.9	30.0	55.7
Forest products sold	10.0	10.0	10.0	10.0	10.0
Other farm income	96.2	88.4	92.6	92.8	128.4
Gross imputed rental value-farm dwellings	281.7	292.5	338.1	345.2	339.7
Final agricultural sector output	4,115.4	3,910.9	4,046.0	3,786.5	3,917.5
less: Purchased inputs	2,300.1	2,194.9	2,154.1	2,205.6	2,421.0
Farm origin	690.2	657.3	620.7	641.9	717.9
Feed purchased	422.9	373.8	327.3	322.1	378.5
Livestock and poultry purchased	41.0	39.2	44.1	56.7	56.1
Seed purchased	226.3	244.4	249.4	263.2	283.2
Manufactured inputs	714.3	663.9	635.7	686.9	697.4
Fertilizers and lime	281.6	249.9	235.2	243.5	255.9
Pesticides	228.7	228.7	217.9	225.1	211.8
Petroleum fuel and oils	145.5	128.7	124.3	160.4	166.9
Electricity	58.5	56.6	58.3	58.0	62.8
Other intermediate expenses	895.6	873.7	897.7	876.8	1,005.7
Repair and maintenance of capital items	302.7	308.1	297.8	273.7	378.8
Machine hire and custom work	68.3	77.5	72.5	75.6	118.2
Marketing, storage, and transportation ex	116.8	93.0	113.2	121.8	92.5
Contract labor	15.2	21.6	16.0	14.0	22.6
Miscellaneous expenses	392.6	373.4	398.3	391.5	393.5
plus: Net government transactions	-138.6	-28.2	180.3	151.4	124.3
plus: Direct Government payments	121.3	210.6	401.4	381.1	352.8
less: Motor vehicle registration and licens	11.8	10.5	9.3	8.6	9.8
less: Property taxes	248.1	228.3	211.8	221.0	218.7
Gross value added	1,676.7	1,687.8	2,072.2	1,732.3	1,620.7
less: Capital consumption	534.2	543.3	570.6	581.1	588.5
Net value added	1,142.5	1,144.5	1,501.7	1,151.1	1,032.2
less: Payments to stakeholders	743.4	788.1	773.2	837.3	841.6
Employee compensation (total hired labor)	473.9	511.0	496.5	567.4	554.8
Net rent received by nonoperator landlords	19.6	22.3	23.6	6.5	28.9
Real estate and nonreal estate interest	249.9	254.8	253.1	263.4	257.9
Net farm income	399.1	356.5	728.5	313.8	190.6

¹ Source: U.S. Department of Agriculture, Economic Research Service.

² Final sector output is the gross value of the commodities and services produced withing a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

³ A positive value of inventory change represents current-year production not sold by December 1. A negative value is an offset to production from prior years included in current-year sales.

Cash receipts by commodity groups and selected commodities 1997-2001 ¹

Item	1997	1998	1999	2000	2001
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Total cash receipts	3,622,314	3,500,694	3,460,596	3,321,666	3,469,122
Total livestock and products	1,363,391	1,320,034	1,327,853	1,333,868	1,489,323
Meat animals	450,206	338,236	387,877	458,574	441,708
Cattle and calves	230,906	196,656	235,829	255,892	227,930
Hogs	213,722	138,347	149,937	200,485	211,337
Sheep and lambs	5,578	3,233	2,111	2,197	2,441
Dairy (milk)	732,135	813,960	801,420	729,495	881,600
Poultry and eggs	133,647	119,233	90,914	98,739	119,207
Eggs	61,927	57,639	53,655	56,739	61,063
Turkeys			35,092	40,460	56,700
Other	71,720	61,594	2,167	1,540	1,444
Miscellaneous livestock	47,403	48,605	47,642	47,060	46,808
Honey	4,582	4,488	4,095	3,240	3,557
Mink pelts	2,012	1,854	1,339	1,719	1,445
Trout	1,486	1,151	1,113	1,037	823
Other	39,323	41,112	41,095	41,064	40,983
Total crops	2,258,923	2,180,660	2,132,743	1,987,798	1,979,799
Field crops	1,212,258	1,107,227	1,009,735	941,203	911,477
Corn	429,042	380,769	328,897	303,174	337,778
Dry beans	85,489	101,836	135,567	68,585	27,464
Hay	59,659	32,468	35,272	45,379	52,138
Soybeans	405,792	412,373	311,866	329,579	298,985
Sugarbeets	117,040	101,586	115,915	106,514	100,786
Wheat	104,098	67,293	70,789	78,081	85,372
Other	11,138	10,902	11,429	9,891	8,954
Vegetables	294,860	327,465	316,420	327,519	331,987
Asparagus	17,792	17,320	18,822	18,075	12,369
Beans, snap	15,597	21,659	19,493	16,778	11,904
Carrots	18,903	19,281	16,717	19,292	21,370
Celery	14,358	13,327	11,005	13,421	12,741
Corn, sweet	17,408	12,900	13,282	13,430	15,450
Cucumbers, fresh	18,048	21,366	22,506	25,192	24,662
Cucumbers, pickles	20,550	21,970	26,076	38,700	38,376
Onions	11,170	10,077	8,900	8,371	10,235
Peppers, green, fresh	7,817	8,640	9,600	10,395	11,466
Potatoes	69,505	82,603	82,258	88,358	86,612
Pumpkins	9,680	18,596	16,549	18,115	18,480
Squash	9,771	7,560	7,308	6,804	6,960
Tomatoes, fresh				8,448	8,064
Tomatoes, processing				9,333	16,500
Other	64,261	72,166	63,904	32,807	36,798
Fruit	240,134	217,243	244,342	236,595	214,032
Apples	92,192	93,808	96,516	90,146	77,257
Blueberries	50,042	30,260	54,660	55,140	51,315
Grapes	17,873	19,820	21,083	24,156	8,926
Peaches	14,450	11,546	5,440	11,340	12,503
Strawberries	7,411	7,089	6,412	6,145	5,482
Sweet cherries	19,986	18,551	14,149	9,520	11,092
Tart cherries	34,380	32,162	42,134	36,370	43,460
Other	3,800	4,007	3,948	3,778	3,997
Miscellaneous crops	22,287	20,281	19,307	20,529	21,193
Floriculture and nursery	489,384	508,444	542,939	461,952	501,110

¹ Source: U.S. Department of Agriculture, Economic Research Service.

Corn production costs and returns, excluding direct Government payments, 1999-2000

Item	United States		Northern Crescent ¹	
	1999	2000	1999	2000
	<i>Dollars per planted acre</i>	<i>Dollars per planted acre</i>	<i>Dollars per planted acre</i>	<i>Dollars per planted acre</i>
Gross value of production: (excluding direct Government payments):				
Primary product: Corn grain	228.15	244.26	209.56	230.21
Secondary product: Corn silage	2.55	2.41	11.99	10.80
Total, gross value of production	230.70	246.67	221.55	241.01
Operating costs:				
Seed	30.29	30.02	28.54	28.96
Fertilizer, lime, and gypsum	38.75	39.04	34.23	34.49
Soil conditioners	0.17	0.16	0.53	0.46
Manure	0.49	0.48	1.76	1.77
Chemicals	28.40	28.82	27.20	27.64
Custom operations ²	11.37	11.48	9.97	9.84
Fuel, lube, and electricity	23.04	29.12	20.64	26.72
Repairs	17.17	17.55	16.72	17.42
Other variable cash expenses ³	0.31	0.31	0.00	0.00
Interest on operating capital	3.50	4.53	3.25	4.25
Total, operating costs	153.49	161.51	142.84	151.55
Allocated overhead:				
Hired labor	3.28	3.36	4.55	4.92
Opportunity cost of unpaid labor	31.43	32.21	37.94	39.27
Capital recovery of machinery and equipment	68.49	70.16	69.86	72.87
Opportunity cost of land (rental rate)	86.77	89.36	65.48	66.80
Taxes and insurance	6.96	7.13	6.38	6.62
General farm overhead	10.88	11.11	13.57	13.96
Total, allocated overhead	207.81	213.33	197.78	204.44
Total, costs listed	361.30	374.84	340.62	355.99
Value of production less total costs listed	-130.60	-128.17	-119.07	-114.98
Value of production less operating costs	77.21	85.16	78.71	89.46
Supporting information:				
Yield (bushels per planted acre)	135	138	124	127
Price (dollars per bushel at harvest)	1.69	1.77	1.69	1.81
Enterprise size (planted acres) ⁴	189	189	113	113
Production practices: ⁴				
Irrigated (percent)	15	15	2	2
Dryland (percent)	85	85	98	98

¹ Includes NE Minnesota, Wisconsin, Michigan, NE Ohio, Pennsylvania, New York, and New England.

² Cost of custom operations, technical services and commercial drying.

³ Cost of purchased irrigation water.

⁴ For 1996 survey base year only.

Livestock and products: Marketing year average prices received by farmers, 1997-2001

Marketing year	All hogs per cwt	All beef per cwt ¹	Cows per cwt ²	Steers and heifers per cwt	Milk cows per head ³	Calves per cwt	Market eggs per dozen	All milk wholesale per cwt	Turkeys per pound ⁴
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1997	53.10	50.80	35.80	60.60	1,090	54.00	0.560	13.60	
1998	33.90	47.70	34.40	55.40	1,130	51.70	0.496	15.30	
1999	29.80	50.50	35.30	58.70	1,310	68.90	0.420	14.80	0.41
2000	40.70	56.00	38.10	63.60	1,350	102.00	0.419	12.90	0.34
2001	41.70	58.80	41.70	66.10	1,460	109.00	0.437	15.20	0.35

¹ Combined price for "Cows" and "Steers and Heifers."

² Beef cows and cull dairy cows sold for slaughter.

³ Sold for dairy herd replacement only. Prices published January, April, July, and October.

⁴ Data not available prior to 1999.

Livestock and products: Monthly prices received by farmers, 2001-2002

2000-2001 Marketing years	All hogs per cwt	Beef cattle per cwt ¹	Cows per cwt ²	Steers and heifers per cwt	Milk cows per head ³	Calves per cwt	Market eggs per dozen	All milk wholesale per cwt
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
2000								
December	38.10						0.710	
2001								
January	36.80	57.80	37.50	66.50	1,200	102.00	0.460	13.90
February	38.30	61.10	42.50	69.00		118.00	0.450	13.20
March	44.00	61.20	43.00	69.00		122.00	0.540	14.00
April	45.40	63.40	44.50	71.50	1,400	128.00	0.500	14.60
May	47.20	63.20	45.00	71.00		115.00	0.320	15.40
June	49.30	63.60	45.00	71.50		115.00	0.320	16.20
July	48.40	61.50	44.00	69.00	1,600	110.00	0.310	16.40
August	46.40	60.10	44.00	67.00		110.00	0.370	16.60
September	41.90	57.10	41.00	64.00		105.00	0.360	17.20
October	34.70	54.70	40.00	61.00	1,650	100.00	0.400	16.60
November	32.40	53.20	39.50	59.00		95.00	0.480	14.80
December		52.70	38.00	59.00		95.00		13.50
2001								
December	31.30						0.420	
2002								
January	35.20	54.90	40.50	61.00	1,550	105.00	0.460	13.70
February	36.70	56.90	42.50	63.00		110.00	0.370	13.30
March	34.40	57.70	43.00	64.00		110.00	0.570	12.60
April	28.50	55.70	41.00	62.00	1,650	109.00	0.280	12.50
May	30.80	55.90	41.50	62.00		110.00	0.240	12.20
June	32.10	55.20	41.50	61.00		108.00	0.420	11.50
July ⁴	33.80	53.60	41.00	59.00	1,600	105.00	0.350	11.00
August								
September								
October								
November								
December								

¹ Combined price for "Cows" and "Steers and Heifers."

² Beef cows and cull dairy cows sold for slaughter.

³ Sold for dairy herd replacement only. Prices published January, April, July, and October.

⁴ Preliminary prices.

Dry edible beans: Percent of sales by month, 1996-2001

Month	1996-97	1997-98	1998-99	1999-00	2000-01
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
September	6	5	30	49	10
October	32	16	12	17	23
November	8	11	6	3	14
December	6	16	10	3	28
January	15	11	20	3	10
February	6	10	5	1	4
March	3	6	3		5
April	6	6	4	3	1
May	3	5	7	2	2
June	7	5	1	3	1
July	5	5	1	5	1
August	3	4	1	11	1

Corn: Percent of sales by month, 1996-2001

Month	1996-97	1997-98	1998-99	1999-00	2000-01
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
October	5	5	16	20	9
November	22	20	14	19	14
December	12	19	14	8	12
January	15	16	12	15	12
February	9	9	6	4	7
March	6	7	8	7	7
April	5	5	3	4	6
May	3	5	4	4	4
June	5	4	5	4	5
July	6	3	5	4	11
August	6	3	9	6	7
September	6	4	4	5	6

Hay: Percent of sales by month, 1996-2001

Month	1996-97	1997-98	1998-99	1999-00	2000-01
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
June	11	13	13	17	12
July	9	13	13	10	12
August	6	9	9	9	8
September	3	6	6	3	5
October	6	6	6	7	7
November	4	12	5	8	10
December	7	12	6	14	12
January	8	8	7	10	8
February	14	6	11	9	9
March	15	7	11	6	8
April	12	5	9	5	6
May	5	3	4	2	3

Oats: Percent of sales by month, 1996-2001

Month	1996-97	1997-98	1998-99	1999-00	2000-01
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
July	11	7	23	17	9
August	33	39	25	35	37
September	10	7	9	11	6
October	4	2	3	7	3
November	1	2	2	1	4
December	2	2	2	4	4
January	3	1	4	2	9
February	6	4	7	3	8
March	5	11	2	6	4
April	5	15	5	3	3
May	5	4	9	3	4
June	15	6	9	8	9

Soybeans: Percent of sales by month, 1996-2001

Month	1996-97	1997-98	1998-99	1999-00	2000-01
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
September	2	1	12	8	6
October	34	31	34	33	25
November	15	19	8	7	11
December	8	8	9	7	9
January	15	8	8	12	14
February	6	7	5	3	6
March	6	5	7	7	5
April	4	4	5	4	7
May	2	4	2	3	8
June	1	5	4	4	5
July	4	4	3	4	3
August	3	4	3	8	1

Wheat: Percent of sales by month, 1996-2001

Month	1996-97	1997-98	1998-99	1999-00	2000-01
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
July	27	20	30	42	32
August	39	27	12	18	15
September	8	7	21	2	12
October	3	3	4	2	6
November	1	25	3	1	1
December	3	3	6	1	3
January	7	3	5	12	11
February	3	5	3	2	6
March	4	2	6	12	5
April	4	2	3	3	5
May	1	2	3	2	2
June		1	4	3	2

Crops: Marketing year average prices received by farmers, 1997-2001 ¹

Year	Corn per bushel	Winter wheat per bushel	Oats per bushel	Soybeans per bushel	Dry beans per cwt	Navy beans per cwt	Fall potatoes per cwt	All hay per ton	Alfalfa hay per ton
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1997	2.40	3.26	1.86	6.47	18.90	NA	6.45	86.00	103.00
1998	1.90	2.33	1.42	4.99	21.60	NA	6.70	89.00	90.00
1999	1.78	2.12	1.35	4.61	16.80	NA	6.80	69.00	72.00
2000	1.90	2.11	1.30	4.54	13.70	NA	6.70	62.50	64.50
2001	1.90	2.45	1.55	4.20	24.30	NA	7.65	69.50	72.50

¹ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings during specific periods. Prices do not include allowance for CCC loans outstanding, purchases by the government, or deficiency payments.

Crops: Monthly prices received by farmers, 2000-2001

Year	Corn per bushel	Winter wheat per bushel	Oats per bushel	Soybeans per bushel	Dry beans per cwt	Navy beans per cwt	Fall potatoes per cwt	All hay per ton	Alfalfa hay per ton
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
2000									
June								58.00	60.00
July		1.93	1.33				6.50	57.00	60.00
August		1.86	1.13				5.85	57.00	60.00
September		2.00	1.15	4.75	13.70	12.20	5.40	63.00	65.00
October	1.74	2.14	1.35	4.50	15.10	13.10	5.85	63.00	65.00
November	1.86	2.01	1.54	4.55	13.70	12.10	6.45	73.00	75.00
December	1.88	2.02	1.36	4.73	13.00	11.70	6.55	63.00	65.00
2001									
January	2.04	2.62	1.47	4.67	12.50	11.00	6.85	59.00	60.00
February	1.96	2.49	1.42	4.45	12.80	11.00	7.15	64.00	65.00
March	1.95	2.44	1.62	4.42	13.10	12.30	7.60	69.00	70.00
April	1.90	2.36	1.29	4.29	11.90	11.20	8.35	64.00	65.00
May	1.86	2.37	1.49	4.39	12.60	11.60	7.30	63.00	65.00
June	1.75	1.96	1.47	4.43	13.90	12.20	8.05		
July	1.89			4.81	16.00	13.00			
August	1.96			4.91	18.10	14.50			
September	1.93								
2001									
June								54.00	55.00
July		2.34	1.40				6.50	72.00	75.00
August		2.42	1.36				6.90	72.00	75.00
September		2.39	1.46	4.76	21.20	18.00	6.35	72.00	75.00
October	1.82	2.46	1.57	4.06	23.50	19.20	6.45	72.00	75.00
November	1.75	2.61	1.80	4.09	25.30	21.50	7.10	71.00	75.00
December	1.90	2.89	2.10	4.16	24.50	22.30	7.20	77.00	80.00
2002									
January	1.93	2.81	2.32	4.24	24.60	22.20	7.80	77.00	80.00
February	1.90	2.63	1.99	4.26	24.20	23.20	8.25	76.00	80.00
March	1.92	2.65	2.03	4.44	26.90	23.00	9.20	77.00	80.00
April	1.88	2.49	2.49	4.66	28.70	20.80	9.40	81.00	85.00
May	1.92	2.48	2.34	4.60	30.00	20.70	9.15	73.00	75.00
June	1.97	2.69	2.30	4.97	27.10	15.30	10.00	54.00	55.00
July ¹	2.10	3.10	1.90	5.65	24.00	15.00		63.00	65.00
August									
September									

¹ Preliminary prices.

Prices paid by farmers, 1998-2002 ¹

Item	Unit	1998	1999	2000	2001	2002
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Dairy feed, 16% protein ²	Ton	190	171	167	184	184
Hog concentrate, 38-42% protein ²	Ton	300	273	288	290	298
Soybean meal, 44% protein ²	Cwt	11.50	9.50	10.90	11.00	11.50
Gasoline, unleaded, bulk ²	Gallon	1.16	1.17	1.48	1.48	1.40
Diesel fuel ²	Gallon	0.79	0.76	1.12	1.15	1.00
Tractor, 110-129 hp ³	Each	59,500	60,100	62,400	63,000	63,700
Tractor, 200-280 hp, 4-wd ³	Each	116,000	116,000	120,000	127,000	132,000
Planter, row crop, 8-row ³	Each	25,700	26,000	26,900	28,800	29,000
Grain drill, press, 23-25 openers ³	Each	16,300	15,600	17,500	18,500	23,100
Combine, self-prop. w/ grain head, large cap. ³	Each	140,000	142,000	146,000	152,000	156,000
Ammonium nitrate ⁴	Ton	179	168	181	243	180
Muriate of potash 60-62% K ₂ O ⁴	Ton	161	166	162	167	161
Superphosphate, 44-46% P ₂ O ₅ ⁴	Ton	248	252	227	229	215
Anhydrous ammonia ⁴	Ton	256	211	231	408	254
Atrazine, 4#/gallon ³	Gallon	13.70	13.70	13.60	12.50	12.20
Roundup, 4#/gallon EC ³	Gallon	56.30	45.50	43.30	44.50	43.50
Harness, Surpass, 6.4-7#/gallon ³	Gallon	66.40	68.00	68.40	68.90	68.10
Dual, 8#/gallon EC ³	Gallon	72.60	77.70	82.60	94.50	99.00
Captan, 50% WP ³	Pound	3.36	3.46	3.45	3.61	3.76
Ziram, 76% WP ³	Pound	2.88	2.92	2.72	2.82	2.82
Guthion, 50% WP ³	Pound	8.97	9.20	9.68	9.87	10.60
Imidan, Prolate, 50% WP ³	Pound	6.22	6.25	6.59	6.98	7.30

EC=Emulsifiable concentrate. WP=Wettable powder.

¹ Regional and U.S. data only. Published in April.

² Lake States=MI, MN, WI.

³ United States.

⁴ North Central Region=IL,IN, IA, MI, MN, MO, OH, WI.

Farm production expenses, 1997-2001

Item	1997	1998	1999	2000	2001
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Feed purchased	422.9	373.8	327.3	322.1	378.5
Livestock and poultry purchased	41.0	39.2	44.1	56.7	56.1
Seed purchased	226.3	244.4	249.4	263.2	283.2
Fertilizers and lime	281.6	249.9	235.2	243.5	255.9
Pesticides	228.7	228.7	217.9	225.1	211.8
Petroleum fuel and oils	145.5	128.7	124.3	160.4	166.9
Electricity	58.5	56.6	58.3	58.0	62.8
Repair and maintenance of capital items	302.7	308.1	297.8	273.7	378.8
Machine hire and custom work	68.3	77.5	72.5	75.6	118.2
Contract and hired labor expenses	489.1	532.6	512.5	581.4	577.4
Marketing, storage, and transportation expenses	116.8	93.0	113.2	121.8	92.5
Capital consumption	534.2	543.3	570.6	581.1	588.5
Real estate and nonreal estate interest	249.9	254.8	253.1	263.4	257.9
Property taxes	248.1	228.3	211.8	221.0	218.7
Net rent received by nonoperator landlords	19.6	22.3	23.6	6.5	28.9
Miscellaneous expenses	392.6	373.4	398.3	391.5	393.5
Total production expenses	3,825.9	3,754.6	3,709.9	3,845.0	4,069.6

Agricultural Exports

Michigan ranked 22nd in agricultural exports for fiscal year 2001. The table below shows the value of agricultural exports by commodity group. Michigan exports one-third of its agricultural crop. The data are calculated annually by commodity based on each

States' share of the U.S. agricultural production. The top seven account for 83.5 percent of the State's agricultural exports. The total value of agricultural exports from Michigan in 2001 was estimated at \$775 million.

Top agricultural exports: Fiscal year 2001

Commodity	Value Million \$	Percent of Total	Rank in U.S.
1. Soybeans and products	180.7	23.3	10
2. Feed grains and products	136.8	17.7	12
3. Vegetables and preparations	127.9	16.5	8
4. Fruits and preparations	79.3	10.2	5
5. Live animals and meat*	48.1	6.2	24
6. Wheat and products	43.0	5.6	18
7. Feeds and fodders	31.0	4.0	18
8. Other	127.8	16.5	--
Total	774.6		22

* Excluding Poultry

Source: U.S. Department of Agriculture, Economic Research Service, <http://www.ers.usda.gov/data/fatus>, State export data.

Agricultural exports from Michigan: Top 10 destinations, 2000-2001

Country	2000	2001
	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Canada	127,800	176,625
Japan	7,238	5,525
Mexico	4,062	4,945
Italy	5,511	4,927
United Kingdom	3,282	3,223
Venezuela	314	2,336
Spain	1,281	1,273
Dominican Republic	227	958
Germany	290	826
Guatemala	102	529

Source: US Department of Commerce, International Trade Administration (www.ita.doc.gov)

Farm Labor

The number of self-employed, unpaid workers and number of hired workers declined in 2001. Self-employed workers decreased 1 percent to 37,000 while unpaid workers declined 23 percent to

8,800. Hired workers fell 7 percent to 23,900. Wage rates for all hired workers increased 2 percent to \$8.96.

Farm workers: Annual average number and hours worked, 1997-2001

Year	Number of workers			Hours worked by hired workers
	Self employed	Unpaid	Hired	
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Hours per week</i>
1997	38.3	8.5	21.8	36.9
1998	36.8	8.0	23.8	38.6
1999	34.3	11.0	25.1	38.8
2000	37.3	11.5	25.8	38.9
2001	37.0	8.8	23.9	36.9

Hired farm workers: Annual average wage rates, 1997-2001

Year	All hired workers	Field workers	Field and livestock workers
	<i>Dollars per hour</i>	<i>Dollars per hour</i>	<i>Dollars per hour</i>
1997	7.14	6.78	6.62
1998	7.87	7.39	7.39
1999	8.21	7.44	7.37
2000	8.77	7.87	7.93
2001	8.96	8.15	8.18